Next Gen Update

Dec 2009

Judicial Information Systems

Welcome to the second edition of *Next Gen Update*. This newsletter is intended to provide periodic updates on the efforts and progress of the JIS Next Generation case management system project. Other project information is posted at http://courts.michigan.gov/jis/courts/ng/ngindex.html

Project Update

The application design for the Core/Civil Phase is complete. The Unisys development team has completed programming two of the four packages and released the application to the Test environment. The Test environment allows Unisys and JIS staff to review the application for defects which are returned to the developers for correction. Subsequently, the application is released to the Playpen environment. The Business Analysis Team

Next Gen Business Analysis Team at work.

'plays' with the application to determine if it is working as designed. During this time, design issues and additional defects found are documented and returned to the developers. This has been a very helpful process in that the application can be reviewed after each developed package to verify that it is being designed as expected instead of reviewing the entire Civil phase as a whole.

In November, the Business Analysis Team began the Criminal Phase of the project which is scheduled to take 12-13 months. We expect that certain areas of this phase will progress quickly based on the design concepts and lessons learned from the Civil phase.
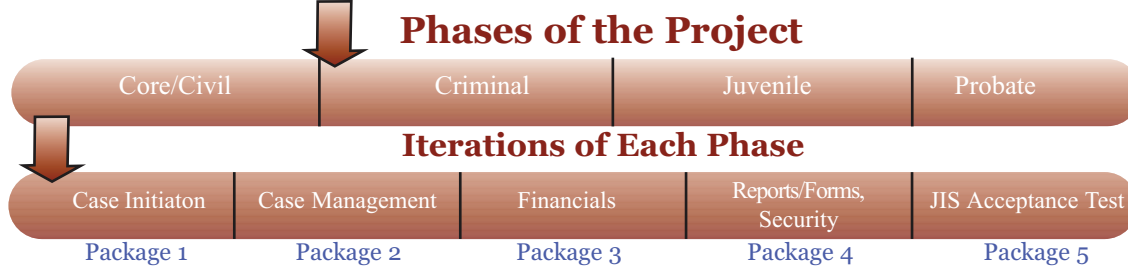
Business Analysis Team

The Business Analysis team is a combination of JIS, Unisys, and partner county staff and is responsible for analyzing the business requirements and designing the application based on those requirements. The intent is to build one uniform court case management system for all trial courts in Michigan.

- Project Manager - Glen Hyatt
- District Court subject matter experts - Brenda Dooley, Marie Hassett
- Circuit Court subject matter experts - Starr Wieber, Arlena Craven (Civil Phase)
- Probate/Juvenile subject matter experts - Jonie Mitts, Betty Wiggins
- Unisys Analysts - Maureen O'Neill, Paul Engler
- Berrien County - Susan Frankin, Julie Cripe, Susan Greco
- Washtenaw County - Scot Cannell

Next Gen Business Analysis Team at work.

The team typically meets three days a week from 9:00 – 4:00 to elaborate business use cases by establishing process flows, screen designs, and business rules for the application.

Phases of the Project

Core/Civil	Criminal	Juvenile	Probate

Iterations of Each Phase

Case Initiaton	Case Management	Financials	Reports/Forms, Security	JIS Acceptance Test
Package 1	Package 2	Package 3	Package 4	Package 5

Project Update Continued:

Though the project is making progress, we are four months behind schedule in the application development area. In addition, we are upgrading the development toolset which will result in an initial four month delay, but development expects to recover most or all of that time over the duration of the project with the estimated 20% efficiency increase. We also expect to realize fewer defects as the application is released for Testing and Playpen activity and will be easier to maintain long term. The Civil Phase development is expected to be completed by July 2010.

The Data Migration Team, lead by Chris Halfman of JIS, is continuously working on moving existing data for the partner courts of Berrien and Washtenaw counties as well as JIS application data.

Since the Forms and Reports design was completed as part of the Civil Phase, JIS developers, lead by Larry Marschall, are starting to program the many forms and reports needed in the new application.

The court application interfaces will also be developed as part of the Criminal Phase. Unisys and Peelu Kumar of JIS, will lead the effort in developing interfaces for LEIN, CHR, SOS, PACC/PAAM, State Bar, etc.

The Technical team has been working out details of the Security model for the application and how this will fit into the overall approach for access to Supreme Court Applications.

New Application Features

Each edition of the newsletter will introduce a few new features of the Next Generation application.

- **Calendar Sessions**
  - Sessions can created to establish time slots for certain dates/times, judicial officer, hearing types, etc.
  - Upon creating a case, the system can automatically schedule for a hearing based on available time slots within the calendar sessions.
  - When scheduling a hearing, the system can list available dates for that type of hearing, judicial officer, and other criteria.
  - The system will warn or restrict a scheduling if you are about to overbook a calendar session.
  - Resources such as equipment, hearing locations, interpeters, etc., can be scheduled with a session or hearing.

- **Windows Concepts**
  - The application will use familiar Microsoft Windows concepts.
  - Drop-down Menus at the top of the page
  - Drop-down fields listing available selections
  - A date selection tool and date tricks for date fields
    - The date selection tool prompts a calendar for easy date selection
    - Date tricks allow, for example, t+91 (todays date plus 91 days)
  - Column sorting and resequencing